

# Southside Virginia Training Center

## Heating Plant Month Operations Report

10/31/2011  
11:59 PM  
Monthly Report

### Description

		Plant	Units		
Heating Degree Days		323.02	hdd		
Total Plant Steam Flow		5,976.53	klbs		
Steam Flow Per Heating Degree Day		18.5	klbs/hdd		
Total Condensate Return Water Flow		195.2	klbs		
Total Plant Gas Flow		7,320.98	kscf		
Total Plant Gas Cost		\$50,529.66	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$50,529.66	\$		
Fuel Cost Per Heating Degree Day		\$156.43	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.03	\$/klbs		
Total Plant Efficiency By I/O		79.9	%		
Condensate Transfer Pump #1 Run Time		334.0	hrs		
Condensate Transfer Pump #2 Run Time		181.4	hrs		
Condensate Transfer Pump #3 Run Time		228.2	hrs		
Boiler Feed Pump #1 Run Time		183.8	hrs		
Boiler Feed Pump #2 Run Time		68.1	hrs		
Boiler Feed Pump #3 Run Time		209.0	hrs		
Boiler Feed Pump #4 Run Time		283.6	hrs		
Fuel Oil Pump #1 Run Time		0.0	hrs		
Fuel Oil Pump #2 Run Time		0.0	hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	170.0	169.0	175.8	242.6	hrs
Steam Flow	1150.21	1198.16	1387.14	2241.02	klbs
Gas Flow	1464.29	1450.05	1671.98	2734.66	kscf
Natural Gas Cost	\$10,106.52	\$10,008.34	\$11,540.06	\$18,874.74	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$10,106.52	\$10,008.34	\$11,540.06	\$18,874.74	\$
Average Steam Cost	\$8.79	\$8.35	\$8.32	\$8.42	\$/klbs
Efficiency By Losses	82.9	77.8	83.0	81.7	%
Efficiency By I/O	76.9	80.9	81.2	80.3	%